

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071954.D
 Acq On : 12 Apr 2022 13:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 04:43:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	568185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	859779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	791088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	335509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	289335	44.606	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.220%		
35) Dibromofluoromethane	8.016	113	256050	50.610	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.220%		
50) Toluene-d8	10.439	98	1025295	49.540	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.080%		
62) 4-Bromofluorobenzene	12.727	95	353481	52.809	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	295616	65.444	ug/l	97
3) Chloromethane	2.299	50	307550	53.730	ug/l	97
4) Vinyl Chloride	2.440	62	325596	51.798	ug/l	97
5) Bromomethane	2.834	94	204520	50.051	ug/l	97
6) Chloroethane	3.005	64	191754	42.404	ug/l	98
7) Trichlorofluoromethane	3.369	101	428143	53.535	ug/l	99
8) Diethyl Ether	3.822	74	181390	53.668	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	261679	53.097	ug/l	97
10) Methyl Iodide	4.422	142	377702	54.826	ug/l	100
11) Tert butyl alcohol	5.363	59	256573	243.740	ug/l	98
12) 1,1-Dichloroethene	4.181	96	253373	54.026	ug/l	93
13) Acrolein	4.040	56	254747	198.478	ug/l	100
14) Allyl chloride	4.840	41	388785	51.075	ug/l	94
15) Acrylonitrile	5.546	53	789750	258.113	ug/l	98
16) Acetone	4.281	43	701788	253.162	ug/l	94
17) Carbon Disulfide	4.528	76	647981	60.219	ug/l	100
18) Methyl Acetate	4.851	43	330537	48.093	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	894486	51.340	ug/l	98
20) Methylene Chloride	5.093	84	296541	50.753	ug/l	98
21) trans-1,2-Dichloroethene	5.593	96	276404	53.687	ug/l	99
22) Diisopropyl ether	6.493	45	828419	49.991	ug/l	96
23) Vinyl Acetate	6.428	43	3499131	265.532	ug/l	99
24) 1,1-Dichloroethane	6.387	63	503095	51.715	ug/l	99
25) 2-Butanone	7.328	43	1014791	253.932	ug/l	97
26) 2,2-Dichloropropane	7.322	77	426202	50.999	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	335094	53.077	ug/l	96
28) Bromochloromethane	7.657	49	179172	45.657	ug/l	96
29) Tetrahydrofuran	7.681	42	641904	248.063	ug/l	96
30) Chloroform	7.816	83	515213	50.157	ug/l	98
31) Cyclohexane	8.092	56	463067	52.494	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	449903	51.197	ug/l	98
36) 1,1-Dichloropropene	8.216	75	390083	55.212	ug/l	100
37) Ethyl Acetate	7.404	43	383599	49.605	ug/l	97
38) Carbon Tetrachloride	8.204	117	380187	54.907	ug/l	97
39) Methylcyclohexane	9.457	83	514818	61.214	ug/l	98
40) Benzene	8.457	78	1217364	54.545	ug/l	100

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41) Methacrylonitrile	7.634	41	208442	55.050	ug/l	91
42) 1,2-Dichloroethane	8.528	62	385015	49.869	ug/l	96
43) Isopropyl Acetate	8.557	43	621933	48.353	ug/l	98
44) Trichloroethene	9.210	130	324544	56.444	ug/l	99
45) 1,2-Dichloropropane	9.486	63	297871	53.424	ug/l	98
46) Dibromomethane	9.575	93	199352	52.661	ug/l	97
47) Bromodichloromethane	9.757	83	405821	54.459	ug/l	99
48) Methyl methacrylate	9.557	41	290048	54.353	ug/l	93
49) 1,4-Dioxane	9.563	88	129155	1020.471	ug/l	99
51) 4-Methyl-2-Pentanone	10.328	43	1931019	261.120	ug/l	96
52) Toluene	10.498	92	795295	56.372	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	452215	57.902	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	493392	57.176	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	305422	52.602	ug/l	98
56) Ethyl methacrylate	10.757	69	484788	58.527	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	521315	53.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	538387	213.765	ug/l	100
59) 2-Hexanone	11.080	43	1415503	271.868	ug/l	95
60) Dibromochloromethane	11.233	129	326259	57.627	ug/l	98
61) 1,2-Dibromoethane	11.339	107	313912	54.923	ug/l	98
64) Tetrachloroethene	10.975	164	283948	54.356	ug/l	98
65) Chlorobenzene	11.769	112	855337	53.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	308957	54.052	ug/l	98
67) Ethyl Benzene	11.839	91	1510081	56.313	ug/l	98
68) m/p-Xylenes	11.951	106	1167259	113.291	ug/l	100
69) o-Xylene	12.275	106	579133	56.630	ug/l	98
70) Styrene	12.292	104	926582	59.799	ug/l	99
71) Bromoform	12.451	173	249540	57.328	ug/l #	99
73) Isopropylbenzene	12.575	105	1477323	52.253	ug/l	99
74) N-amyl acetate	12.380	43	421729	52.061	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	448936	47.591	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	335637m	43.184	ug/l	
77) Bromobenzene	12.857	156	359169	50.677	ug/l	95
78) n-propylbenzene	12.916	91	1631565	54.861	ug/l	100
79) 2-Chlorotoluene	13.004	91	989220	51.866	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1200892	53.610	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	136371	54.374	ug/l	93
82) 4-Chlorotoluene	13.098	91	941946	53.281	ug/l	100
83) tert-Butylbenzene	13.316	119	1081466	52.815	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1174001	53.715	ug/l	100
85) sec-Butylbenzene	13.498	105	1470958	55.416	ug/l	100
86) p-Isopropyltoluene	13.610	119	1215276	57.420	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	597478	52.915	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	577365	52.413	ug/l	99
89) n-Butylbenzene	13.939	91	907831	57.832	ug/l	99
90) Hexachloroethane	14.204	117	209539	54.084	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	574662	51.842	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	77341	52.857	ug/l	98
93) 1,2,4-Trichlorobenzene	15.263	180	288945	53.942	ug/l	99
94) Hexachlorobutadiene	15.363	225	173055	52.933	ug/l	97
95) Naphthalene	15.498	128	817990	53.270	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	288434	55.485	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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